



The QP225H measures pressure and temperature in real time for high temperature permanent applications. It consists of a Quartz Pressure Transducer coupled with Hybrid Electronics. This combination of proven technologies enables these tools to operate in the most severe and extreme conditions while providing reliable and accurate data.

The QP225H has other features that aid in increasing reliability such as; "Plug & Run" connection system that enables the installer to generate a reliable interface to the Gauge and provides strain relief for suspended applications. This connection is also field pressure testable to aid as another level of quality assurance.

Installation, the QP225H is able to be installed in different configurations. Tubing Conveyed, the gauge can be mounted to the side of Production Tubing or Casing and has the option of being integrated with a carrier for measuring Tubing Pressure or Annuals Pressure.

Suspended, the Gauge can also be installed by running it in on Tubewire with Sinkers Bars so that it is freely suspended in side of Coiled Tubing or Production Tubing.

Applications, the QP225H was developed to provide a long term pressure and temperature solution for the SAGD and Geothermal markets.

Preliminary Specifications	
Pressure	
Max. External Pressure	10 ksi
Sensor Type	Quartz
Calibrated Pressure	0.2 to 1 ksi
Accuracy	± 0.015% full scale
Drift	0.02% full scale per year
Repeatability	>0.01% full scale
Resolution	<0.0044 psi/sec
Temperature	
Maximum Temperature	225°C
Sensor Type	Quartz
Calibrated Temperature	25°C to 225°C
Accuracy	± 0.5°C
Drift	<0.1°C per year
Repeatability	< 0.01°C
Resolution	< 0.01°C per second
Power	
Source	Surface Electronics
Operating Voltage	22 to 28 V
Data Collection	
Data elements	Pressure, Temperature
Sampling interval	One second to one hour
Downhole Communication	PSK
Surface Communication	DINLine III
Other	
Expected Life Span	2 Years @ 225°C est.

QUARTZ QP225H, 0.75" OD, INCONEL 718, 225°C	
Gauge includes a calibrated module, ¼" Cablehead, Tubewire Connector, Manuals	
Pressure (ksi)	Gauge
1*	—
* Other pressure ratings are available upon request. Other Pressure ratings will affect the resolution	